

Title (en)  
ENCODER DEVICE

Title (de)  
CODIEREREINRICHTUNG

Title (fr)  
DISPOSITIF CODEUR

Publication  
**EP 2389565 B1 20160127 (EN)**

Application  
**EP 09752828 A 20091117**

Priority  
• EP 2009065295 W 20091117  
• JP 2008323503 A 20081219

Abstract (en)  
[origin: WO2010069692A1] An encoder device has a base unit for measuring the displacement of a member subject to measurement, and a back-up power source as the back-up power source for the main power source to supply power to the encoder base unit. A first battery supplies a first back-up voltage as the regulated voltage in respect of the back-up power source output terminal means. A second battery supplies a second back-up voltage, which is similar or lower than the first back-up voltage, when the output voltage of said first battery declines (Figure 1).

IPC 8 full level  
**G01D 5/245** (2006.01)

CPC (source: EP)  
**G01D 5/245** (2013.01)

Cited by  
US9784597B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2010069692 A1 20100624**; EP 2389565 A1 20111130; EP 2389565 B1 20160127; JP 2010145266 A 20100701; JP 5187964 B2 20130424; TW 201100761 A 20110101; TW I471532 B 20150201

DOCDB simple family (application)  
**EP 2009065295 W 20091117**; EP 09752828 A 20091117; JP 2008323503 A 20081219; TW 98134621 A 20091013